

RIKEN Clone ID : TEx03G07 (PC011349-41)

Lot# : 6078_B1Kg

Vector : pET-11a

Locus tag	TTHA1349
Insert size	291 bp
Product	DNA-binding protein HU (DNA-binding protein II)

● Plasmid DNA purification

Date : 21.11.16

Culture : LB (100 ug/ml Ampicillin) 10 ml -> 37°C O/N

Date : 21.11.17

Purification : QIAGEN Miniprep kit -> dH₂O 50 ul

● Digestion by restriction enzyme/Concentration calibration

Date : 21.11.17

DNA concentration (O.D.): 124 ng/ul

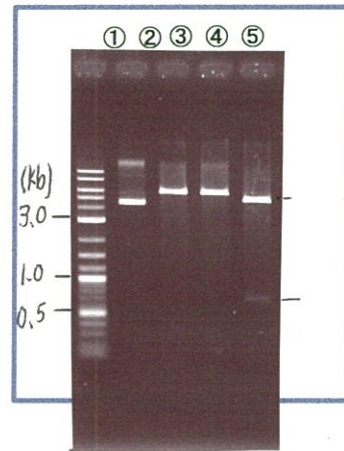
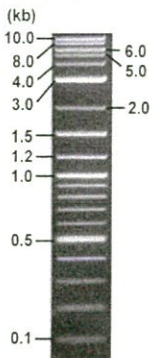
DNA	<u>0.8</u> ul
Enzyme (BglII + EcoRI)	<u>0.5 + 0.5</u> ul
Buffer H	<u>1</u> ul
dH ₂ O	<u>7.2</u> ul
Total	<u>10</u> ul

< Size of fragment expected from this clone >

BglII	5.9 kb
EcoRI	5.9 kb
BglII + EcoRI	5.2, 0.7 kb

Electrophoresis : 1% agarose gel, 1x TAE Buffer

Marker : 2-Log DNA Ladder



- ①:Marker
- ②:uncut
- ③:BglII
- ④:EcoRI
- ⑤:BglII + EcoRI

● Adjust plasmid DNA solution to 25 ng/ul

Date : 21.11.30

DNA (<u>124</u> ng/ul)	<u>36.0</u> ul
10x TE	<u>17.8</u> ul
dH ₂ O	<u>124.7</u> ul
Total	<u>178.5</u> ul

● Shipping

- Conc. : 25 ng/μl, Volume : 40 μl
- ~~Conc. : ng/μl, Volume : μl~~

APPROVED BY :



S/N G:15 A:13 T:13 C:17

Primer B : T7 terminator

6078_TEx03G07_B1Kg_T7 terminator

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 18,2021 11:25AM, JST

KB.bcp

Pts 1655 to 8485 Pk1 Loc:1623

Nov 18,2021 11:40AM, JST

KB 1.4.1.8 Cap:4

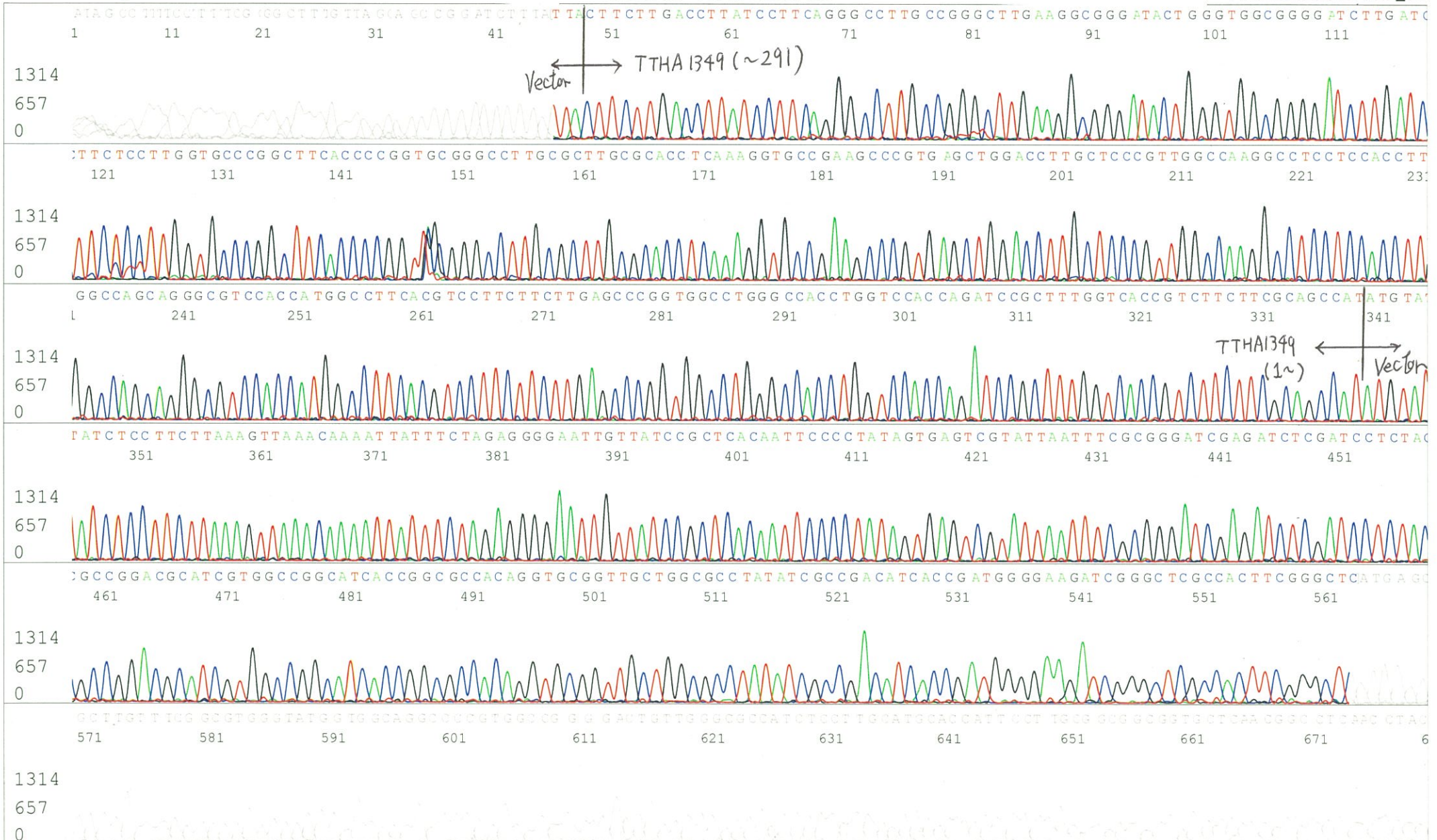
5' GCTAGTTATTGCTCAGCGG 3'

Version 6.0 HiSQV Bases: 635

(QV) < 40.

Spacing:10.4 Pts/Panel1350

Plate Name: 20211118_mix



S/N G:20 A:19 T:12 C:16 Primer B: T7 long

6078_TEx03G07_B1Kg_T7 long

Nov 18,2021 11:25AM, JST

KB.bcp

KB_3500_POP7_BDTv3.mob

Gray line indicates quality value

Nov 18,2021 11:40AM, JST

KB 1.4.1.8 Cap:3

5' CGCCAAGCTCTAATACGACTCACTATAGGG 3'

Pts 1656 to 8431 PK1 Loc:1624

Version 6.0 HiSQV Bases: 642

(QV) < 40.

Spacing:10.36 Pts/Panel1350

Plate Name: 20211118_mix

